CALIBER
AUDIO TECHNOLOGY

ALARM
SCAN
MODE
INFO
PRESETS
MENU/EXIT
ON/STDBY
15:18
Caliber Europe
DAB+/FM receiver with AUX-in
DAB+
CALIBER
HFG 405D
– VOLUME +
SNOOZE
SCROLL/SELECT

HFG 405D

Manual

GB · F · D · I · E · P · SW · PL · GR · CZ/SK · NL

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Thank you for purchasing your

DAB+/FM RECEIVER WITH AUX IN

HFG 405D

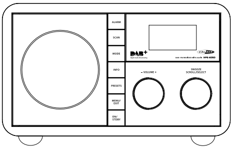
We recommend that you spend some time reading this instruction manual in order that you fully understand all the operational features it offers. You will also find some hints and tips to help you resolve any issues.

Read all the safety instructions carefully before use and keep this instruction manual for future reference.

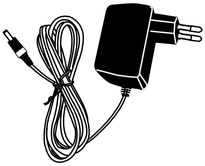
Unpacking

Remove all packaging from the unit. Retain the packaging. If you dispose of it please do so according to local regulations.

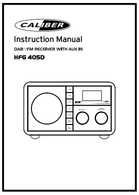
The following items are included:


ALARM
SCAN
MODE
INFO
PRESETS
MENU/EXIT
ON/STDBY
DAB+
– VOLUME +
SNOOZE SCROLL/SELECT

Mains Unit



Mains Adapter x 1

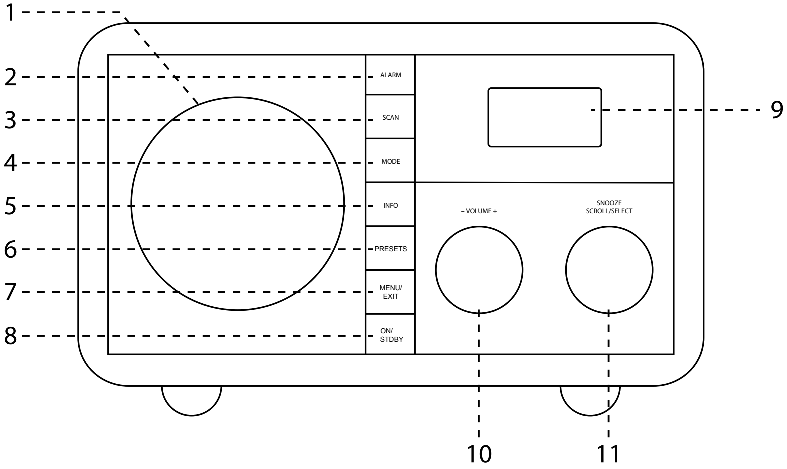


Instruction Manual
DAB+/FM RECEIVER WITH AUX IN
HFG 405D

Instruction Manual x 1

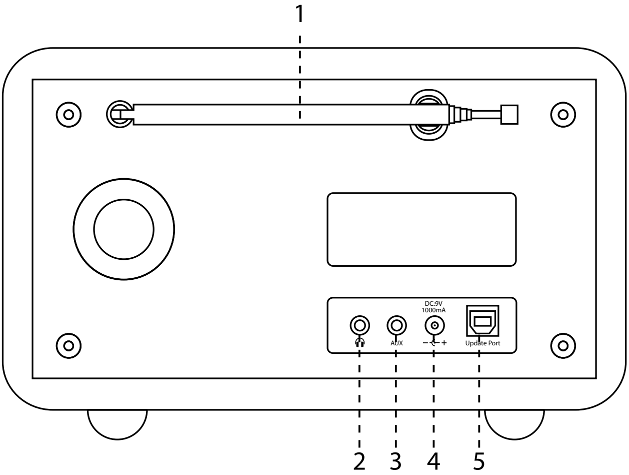
Product Overview

Front View


1
2
3
4
5
6
7
8
ALARM
SCAN
MODE
INFO
PRESETS
MENU/
EXIT
ON/
STDBY
– VOLUME +
SNOOZE
SCROLL/SELECT
9
10
11

1. **Speaker**
2. **ALARM** Button
3. **SCAN** Button
   Auto-scans in **DAB/FM** mode.
4. **MODE** Button
   Selects between the **DAB**, **FM** and **AUX** modes.
5. **INFO** Button
   Displays information on the LCD display.
6. **PRESETS** Button
   - Presets a radio station.
   - Recall a preset station.
7. **MENU/EXIT** Button
   - Displays the main menu.
   - Exits the main menu.
8. **ON/STDBY** Button
   Switches the unit between the **ON** and **STANDBY** modes.
9. LCD Display
10. **VOLUME** Dial
    Increases and decreases the volume.
11. **SNOOZE/SCROLL/SELECT** Dial
    - Navigates up/down on the menu screen and adjusts certain settings.
    - Confirms the selection on a menu screen.

Rear View

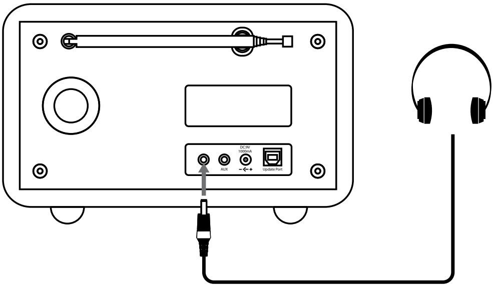

1
DC:9V
1000mA
AUX
Update Port
2
3
4
5

1. **FM Aerial**
2. **EARPHONES** Socket
3. **AUX IN** Socket
4. **DC IN** Socket
5. **Update Port** Socket

Connections

Using Earphones

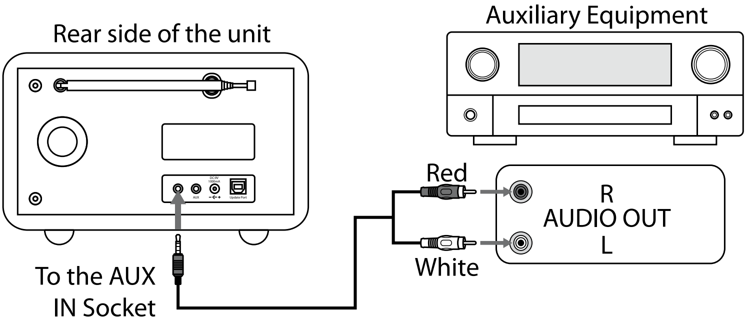
Turn down the volume before connecting the earphones. Slowly raise the volume with the earphones on until you reach your desired volume. When earphones are connected, the speaker is automatically muted.


DC:9V
1000mA
AUX
Update Port

⚠ Long-term exposure to loud music may cause hearing damage. It is best to avoid extreme volume when using earphones, especially for extended periods of time.

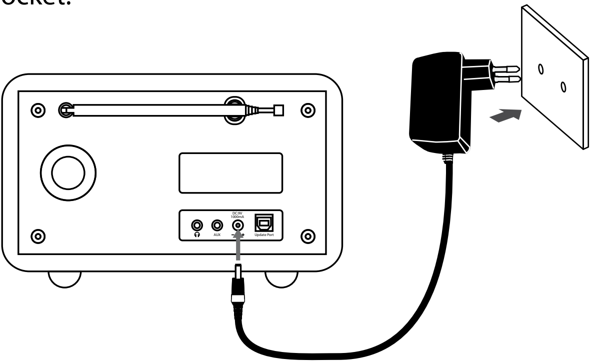
Connecting an Auxiliary Equipment

Connect the AUX IN socket at the rear of the unit to the line output sockets on the auxiliary equipment using a 3.5mm to RCA stereo audio cables (not included), as illustrated below.


Auxiliary Equipment
Rear side of the unit
DC:9V
1000mA
AUX
Update Port
Red
R
AUDIO OUT
L
White
To the AUX
IN Socket

Mains Power

- This unit is designed to operate with a DC 9V 1A power supply.
- Connecting the unit to any other power source may damage the unit. Unwind the cable to its full length. Connect the end of the cable to the DC IN Socket at the rear of the unit then connect the mains adapter to the mains socket. Make sure the mains adapter is firmly inserted into the mains socket. The unit is now connected and ready to use.
- To switch the unit off completely, unplug the mains adapter from the mains socket.



⚠ Ensure all connections are connected before connecting to the mains power socket.

Basic Operation

Powering ON/OFF

When you first connect the unit to the mains socket, the unit will be **ON**.

- Press the **STANDBY ⏻** button to switch the unit to standby mode.
- Press the **STANDBY ⏻** button again to switch the unit on.
- Disconnect the mains plug from the mains socket if you want to switch the unit off completely.

Selecting Modes

- Press the **MODE** button to switch between **DAB**, **FM** and **AUX IN** modes.

Adjusting the Volume

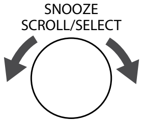
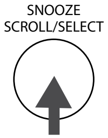
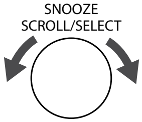
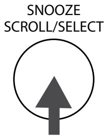
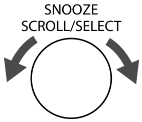
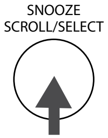
Turn the **VOLUME +/–** dial to adjust the volume to the desired level.

Automatically Setting the Time / Date

The clock can be set and updated automatically if you can receive DAB/FM signals in your location. In order for the clock to synchronise to the current local time you must leave it on one DAB/FM station for a short period of time.

Manually Setting the Time / Date

To select and confirm your selection when manually setting the Date / Time, turn the unit on and follow the steps below:

Step	Menu	Action	Turn SNOOZE/ SCROLL/ SELECT dial	To Confirm Selection Press...
1	—	Display the main menu	—	MENU/ EXIT
2	Main Menu	Select **<SYSTEM>**	 SNOOZE SCROLL/SELECT	 SNOOZE SCROLL/SELECT
3	System Menu	Select **<TIME>**	 SNOOZE SCROLL/SELECT	 SNOOZE SCROLL/SELECT
4	Time Menu	Adjust settings	 SNOOZE SCROLL/SELECT	 SNOOZE SCROLL/SELECT
5	Any Menu	Cancel Settings and return to previous menu	—	MENU/ EXIT

Time / Date Settings

Set Time/ Date	Adjust the time/date digits **Hour → Minute → AM/PM → Date→ Month→ Year**
Auto update	**<Update from Any>** – Auto update time/date with any available resource. **<Update from DAB>** – Auto update time/date from DAB. **<Update from FM>** – Auto update time/date from FM. **<No update>** – Do not auto update from DAB/FM.
Set 12/24 hour	Set to 12 or 24 hour format
Set date format	**<DD-MM-YYYY>** or **<MM-DD-YYYY>** DD – Date MM – Month YYYY – Year

Activating the Alarm Function

1. Ensure the unit is turned **ON** (not in **STANDBY** mode), then press the **ALARM** button repeatedly to select **Alarm 1** or **Alarm 2**, then press the **SNOOZE/SCROLL/SELECT** dial to confirm.
2. Turn the **SNOOZE/SCROLL/SELECT** dial to adjust the following settings, and then press the **SNOOZE/SCROLL/SELECT** dial to confirm your selection.

Time	Adjust the hour and minute digits.
Duration	Choose the alarm duration time.
Mode	Choose **Buzzer**, **DAB** or **FM** mode.

Preset	Choose **Last listened** or **Saved preset** station. (not available for Buzzer mode)
Daily	• **Once** – the alarm will be active only once. • **Weekends** – the alarm will be active on Saturday and Sunday. • **Weekdays** – the alarm will be active from Monday to Friday. • **Daily** – the alarm will be active every day.
Volume	Adjust the volume.
Alarm On/Off	• Turn alarm on/off. • Save and confirm the alarm setting.

3. The **🔔1** or **🔔2** icons will show on the display.
4. Press the **MENU/EXIT** button to cancel the setting and return to the previous menu.

⚠ If the wake-up mode is DAB and the DAB signal strength is low, the buzzer alarm will be triggered.

Automatic Alarm Repeat

The alarm will automatically repeat each day at the selected time as long as the alarm icon is displayed.

1. To cancel this function, press the **ALARM** button repeatedly to select **Alarm 1 Setup** or **Alarm 2 Setup**.
2. Turn the **SNOOZE/SCROLL/SELECT** dial to select "Alarm Off", and then press the **SNOOZE/SCROLL/SELECT** dial to confirm. The **🔔1** or **🔔2** icon will disappear from the display.

Snooze Function

When the alarm sounds, press the **SNOOZE/SCROLL/SELECT** dial to temporarily switch off the alarm for 5 minutes. To turn off the alarm completely, press the **ON/STDBY** button.

Sleep Function

This function allows you to programme the unit to switch to standby mode by itself after a set time.

1. To activate the sleep function, ensure the unit is **ON** (not in **STANBY** mode) then, press the **MENU/EXIT** button. Turn the **SNOOZE/SCROLL/SELECT** dial to select **<System>**. Press the **SNOOZE/SCROLL/SELECT** dial to confirm.
2. Turn the **SNOOZE/SCROLL/SELECT** dial to select **<Sleep>** and then press the **SNOOZE/SCROLL/SELECT** dial to confirm.
3. When the "**Set Sleep Time**" shows on the display, turn the **SNOOZE/SCROLL/SELECT** dial to select your desired sleep time.

→ 15 → 30 → 45 → 60 → 90 → Sleep off

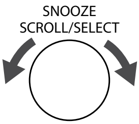
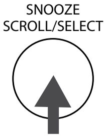
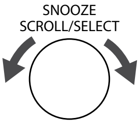
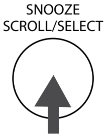
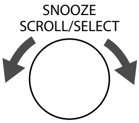
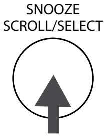
4. Press the **SNOOZE/SCROLL/SELECT** dial to confirm. "⏲" will show on the display.
5. When the sleep timer counts down to zero, the unit will switch to standby mode. To turn the sleep function off while the sleep timer is still counting down, press the **MENU/EXIT** button and then turn the **SNOOZE/SCROLL/SELECT** dial to select **<System>**. Press the **SNOOZE/SCROLL/SELECT** dial to confirm "**SLEEP OFF**". "⏲" will disappear from the display.

Settings

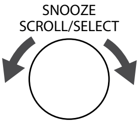
Equaliser

To select an equaliser setting, ensure you are in <**SYSTEM**>, then follow the steps below:

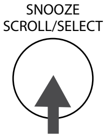
00:00
System
<Equaliser >

Step	Menu	Action	Turn SNOOZE/ SCROLL/ SELECT dial	To Confirm Selection Press...
Selecting <SYSTEM>				
1	—	Display the main menu	—	MENU/ EXIT
2	Main Menu	Select **<SYSTEM>**	 SNOOZE SCROLL/SELECT	 SNOOZE SCROLL/SELECT
Selecting an <EQUALISER>				
1	<**SYSTEM**>	Select **EQUALISER**	 SNOOZE SCROLL/SELECT	 SNOOZE SCROLL/SELECT
2	Equaliser	Select desired equaliser	 SNOOZE SCROLL/SELECT	 SNOOZE SCROLL/SELECT

Normal → Classic → Jazz → Pop
My Equaliser ← Speech ← Rock

<table>
<tr><td>3</td><td>Any Equaliser</td><td>Adjust settings</td><td>

SNOOZE
SCROLL/SELECT

</td><td>

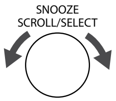
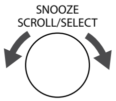
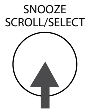
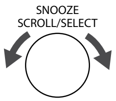
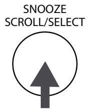
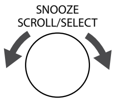
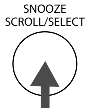
SNOOZE
SCROLL/SELECT

</td></tr>
<tr><td colspan="5"><table>
<tr><td>Treble</td><td>-5 to +5</td></tr>
<tr><td>Bass</td><td>-5 to +5</td></tr>
<tr><td>Loudness</td><td>Yes or No</td></tr>
</table></td></tr>
<tr><td>4</td><td>Any Menu</td><td>Cancel Settings and return to previous menu</td><td>—</td><td>MENU/ EXIT</td></tr>
</table>

Backlight

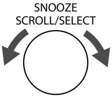
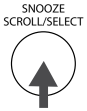
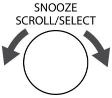
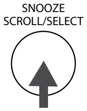
There are 3 levels of backlight brightness in **STANDBY** and **ON** modes:

00:00
System
<Backlight >

Step	Menu	Action	Turn SNOOZE/ SCROLL/ SELECT dial	To Confirm Selection Press...
1	<**SYSTEM**>	Select **<BACKLIGHT>**	 SNOOZE SCROLL/SELECT	MENU/ EXIT
2	<**BACKLIGHT**>	Select <**POWER ON**> or Select <**STANDBY**>	 SNOOZE SCROLL/SELECT	 SNOOZE SCROLL/SELECT
			 SNOOZE SCROLL/SELECT	 SNOOZE SCROLL/SELECT
3	<**POWER ON**> or <**STANDBY**>	Select backlight level • High • Medium • Low	 SNOOZE SCROLL/SELECT	 SNOOZE SCROLL/SELECT

Factory Reset

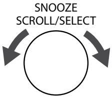
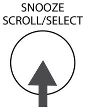
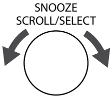
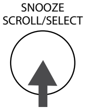
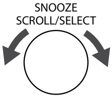
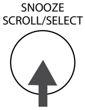
Sometimes you may need to reset your unit to the factory default. If you experience reception problems, you can reset and try again. If you move to another part of the country and pick up the local and national DAB stations, your previously tunned channels may no longer be available.

Step	Menu	Action	Turn SNOOZE/ SCROLL/ SELECT dial	To Confirm Selection Press...
1	<**SYSTEM**>	Select <**FACTORY RESET**>	 SNOOZE SCROLL/SELECT	 SNOOZE SCROLL/SELECT
2	<**FACTORY RESET**>	Select **YES**	 SNOOZE SCROLL/SELECT	 SNOOZE SCROLL/SELECT

⚠ After the system reset, all the tuned stations, DAB & FM preset stations and alarm settings will be erased.

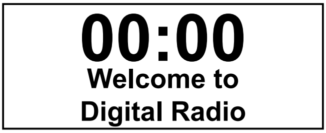
Software Upgrade and Version Information

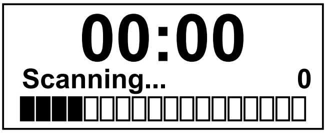
To upgrade the unit's software, or view the software version, follow the steps below:

Step	Menu	Action	Turn SNOOZE/ SCROLL/ SELECT dial	To Confirm Selection Press...
Software Upgrade				
1	**<SYSTEM>**	Select **<SOFTWARE UPGRADE>**	 SNOOZE SCROLL/SELECT	 SNOOZE SCROLL/SELECT
2	**<SOFTWARE UPGRADE>**	Select **YES.** "Waiting for PC wizard..." will show on the display.	 SNOOZE SCROLL/SELECT	 SNOOZE SCROLL/SELECT
Software Version				
1	**<SYSTEM>**	Select **<SOFTWARE VERSION>**	 SNOOZE SCROLL/SELECT	 SNOOZE SCROLL/SELECT
2	**<SOFTWARE VERSION>**	Software version will show on the display	—	—

⚠
- It is highly recommended that you do **not** upgrade the unit's software yourself.
- Only a suitably qualified engineer using a special device that connects to the **Update Port** at the rear of the unit should upgrade this unit. Please contact our engineer.

DAB Operation

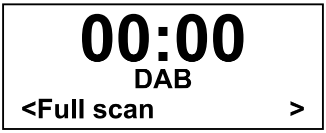

00:00
Welcome to
Digital Radio

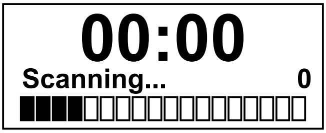

00:00
Scanning... 0

1. If the unit is connected to the mains socket and switched on, it will automatically enter DAB mode and begin scanning.
   During the scan the LCD display will show “**Scanning…**” and a slide bar that displays:
   - Scan prgress; and
   - Number of stations found so far.
2. Once the scan has finished, the unit will select the first alphanumerically found station. Explore the found stations by turning the **SNOOZE/SCROLL/SELECT** dial. When you find a station that you would like to listen to, press the **SNOOZE/SCROLL/SELECT** dial to confirm your choice.

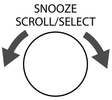
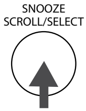
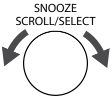
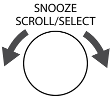
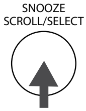
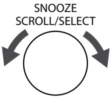
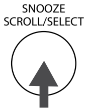
Full Auto Scan

The auto scan will search for all DAB Band III channels. After the scan has finished, the first alphanumerically found station will be automatically selected.


00:00
DAB
<Full scan >


00:00
Scanning... 0

Step	Mode/ Menu	Action	Turn SNOOZE/ SCROLL/ SELECT dial	To Confirm Selection Press …
Accessing Full Auto-Scan				
1	DAB mode	Access the menu	—	MENU/ EXIT

2	Menu	Select **<Full Scan>**	 SNOOZE SCROLL/SELECT	 SNOOZE SCROLL/SELECT
3	**<Full Scan>**	LCD displays "Scanning..." with progress slide bar. This may take a few minutes depending on the number of relations found	—	—
4	**<Full Scan>**	All stations found will be automatically stored	—	—
Selecting Stored Stations **Note: all stations found will be automatically stored.**				
1	DAB mode	Scan through found stations	 SNOOZE SCROLL/SELECT	—
2	DAB mode	Select a found station	 SNOOZE SCROLL/SELECT	 SNOOZE SCROLL/SELECT
Accessing Secondary Information / **Additional Services Provided by Station**				
1	DAB mode	Locate "▶" after the name of the primary station for secondary services	 SNOOZE SCROLL/SELECT	—
2	DAB mode	Select secondary services	—	 SNOOZE SCROLL/SELECT
3	DAB mode	After secondary services end, return to primary station. This is an automatic function.	—	—

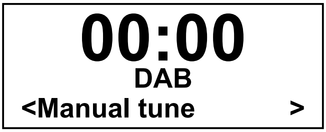
Secondary Services

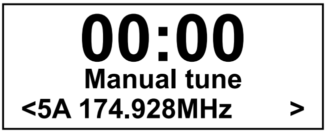
A “▶” symbol after the name of the primary station indicates there are secondary services available to that station. These secondary services are related to the primary station, e.g. a sports station may want to add extra commentaries. The secondary services are inserted directly after the primary station in the station list.

To select the secondary station, turn the **SNOOZE/SCROLL/SELECT** dial continuously until you find the secondary service and press the **SNOOZE/SCROLL/SELECT** dial to confirm. When the secondary services ends, the unit will automatically switch back to the primary station.

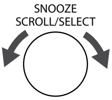
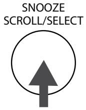
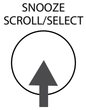
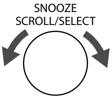
Manual Tuning

As well as using the auto tune function, you can manually tune the receiver. This can help you when aligning your aerial or when adding stations that were missed while auto tuning.





Step	Mode/ Menu	Action	Turn SNOOZE/ SCROLL/ SELECT dial	To Confirm Selection Press ...
Accessing Full Auto-Scan				
1	DAB mode	Access the DAB menu	—	MENU/ EXIT
2	DAB mode	Select **<Manual Time>**	—	SNOOZE SCROLL/SELECT
3	**<Manual Time>**	Scroll through the DAB channels, numbered from 5A to 13F	SNOOZE SCROLL/SELECT	SNOOZE SCROLL/SELECT

4	**<Manual Time>**	Select desired channel number	 SNOOZE SCROLL/SELECT	 SNOOZE SCROLL/SELECT
5	**<Manual Time>**	After confirming selection, the display will show: • Channel number • Multiplex name • Signal strength	—	—
6	**<Manual Time>**	Listen to the selected channel	—	 SNOOZE SCROLL/SELECT
7	**<Manual Time>**	Continue manual tuning	 SNOOZE SCROLL/SELECT	—

Tidying up (Pruning) the Stations List

You can delete unavailable stations from the stations list.

1. In **DAB** mode, press the **MENU/EXIT** button and then turn the **SNOOZE/SCROLL/SELECT** dial to select **<Prune>**. Press the **SNOOZE/SCROLL/SELECT** dial to confirm.
2. Turn the **SNOOZE/SCROLL/SELECT** dial to select **YES** to remove stations that are no longer available. Or select **NO** to cancel.
3. Press the **SNOOZE/SCROLL/SELECT** dial to confirm.

DRC (Dynamic Range Control)

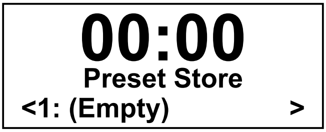
Dynamic Range Control is an advanced technology that reduces the difference in volume between stations when switching stations.

1. In **DAB** mode, press the **MENU/EXIT** button and then turn the **SNOOZE/SCROLL/SELECT** dial to select **<DRC>**. Press the **SNOOZE/SCROLL/SELECT** dial to confirm.
2. Turn the **SNOOZE/SCROLL/SELECT** dial to select **DRC High**, **Low** or **Off**. Press the **SNOOZE/SCROLL/SELECT** dial to confirm the setting.

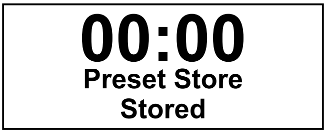
Presetting Stations

You can store up to 10 of your favourite stations to the memory. This enables you to access your favourite stations quickly and easily.

1. To store a preset, you must first be listening to the station that you would like to save, then press and hold the **PRESETS** button. The display will show **<1: (Empty)>**.
2. Turn the **SNOOZE/SCROLL/SELECT** dial to select your desired station preset number.
3. Press the **SNOOZE/SCROLL/SELECT** dial to confirm your station, the display will show **<Preset # stored>**.



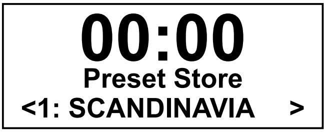
00:00
Preset Store
<1: (Empty) >



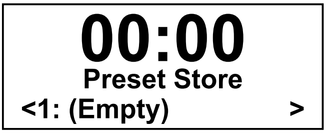
00:00
Preset Store
Stored

Recalling a Preset Station

1. Once you have saved a station, you can recall it by pressing the **PRESETS** button, and then turn the **SNOOZE/SCROLL/SELECT** dial to select your desired preset number, then press the **SNOOZE/SCROLL/SELECT** dial to confirm.
2. If you choose a preset that hasn't been allocated a station, **<#: (Empty)>** will be displayed.



00:00
Preset Store
<1: SCANDINAVIA >

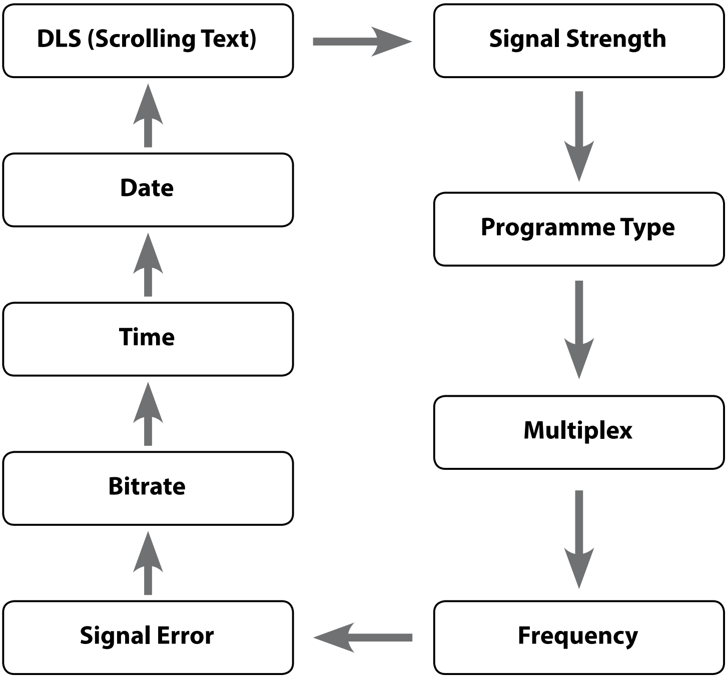


00:00
Preset Store
<1: (Empty) >

DAB Display Modes

Every time you press the **INFO** button, the display will cycle through the following display modes: **DLS (Scrolling Text)**, **BitRate**, **Frequency**, **Programme Type**, **Time** and **Date**.

The information is shown on the lower segment of the display.


DLS (Scrolling Text)
Signal Strength
Programme Type
Multiplex
Frequency
Signal Error
Bitrate
Time
Date

DLS (Dynamic Label Segment)

Dynamic Label Segment is a scrolling message that the broadcaster may include with their transmissions. The message usually includes information, such as programme details etc.

Signal Strength

The display will show a slide bar indicating the signal strength: the stronger the signal, the longer the bar will be from left to right.

Programme Type

This describes the "**Style**" or "**Genre**" of music that is being broadcast e.g. "**Rock**" or "**Classical**".

Multiplex Name

A multiplex is a collection of radio stations that are bundled and transmitted on one frequency. There are national and local multiplexes. Local ones contain stations that are specific to that area.

DAB – unlike normal radio, groups together several radio stations and transmits them on one frequency.

Frequency

The frequency of the present station will be displayed, such as "11C 220.352MHz".

Signal Error

A number showing the error rate. If the number is 0, it means the signal received is error free and the signal strength is strong. If the error rate is high, it is recommended to reposition the radio aerial or reposition the unit.

BitRate

The display will show the radio mode and the digital audio bit rate being received.

Time/Date

The broadcaster (radio station) provides clock and date information automatically so there's no need to manually set this information.

FM Operation

Press the **MODE** button on the unit or the remote control repeatedly to select **FM** mode.

Auto Scan

To search for an FM station, press the **SCAN** button to start the auto scan. The display will show "**Scanning ...**" . Once a station has been found, the scanning will stop automatically.

Turn the **SNOOZE/SCROLL/SELECT** dial to the left (reverse) or the right (forwards) to command the unit to scan down or up the frequency band.

Manual Tune

To tune the FM frequency manually, turn the **SNOOZE/SCROLL/SELECT** dial until your desired frequency is reached.

With FM radio it may be necessary to fine tune each station by turning the **SNOOZE/SCROLL/SELECT** dial repeatedly. Each turn will adjust the frequency by 0.05MHz. If reception is still poor adjust the position of the aerial or try moving the radio to another location.

Scan Setting

1. In **FM** mode, press the **MENU/EXIT** button and then turn the **SNOOZE/SCROLL/SELECT** dial to select **<Scan setting>**. Press the **SNOOZE/SCROLL/SELECT** dial to confirm.
2. Turn the **SNOOZE/SCROLL/SELECT** dial to select **<All stations>** and **<Strong stations only>**. Press the **SNOOZE/SCROLL/SELECT** dial to select the desired setting.

Audio Mode

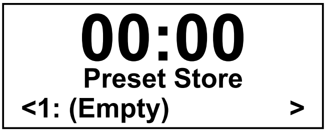
To listen to radio stations in either **Stereo** or **Mono** mode:

1. In **FM** mode, press the **MENU/EXIT** button and then turn the **SNOOZE/SCROLL/SELECT** dial to select **<Audio Setting>**. Press the **SNOOZE/SCROLL/SELECT** dial to confirm.
2. Turn the **SNOOZE/SCROLL/SELECT** dial to select **<Stereo allowed>** and **<Forced mono>**. Press the **SNOOZE/SCROLL/SELECT** dial to confirm.

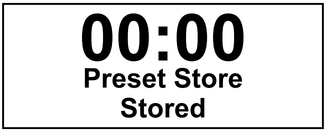
Presetting Stations

You can store up to 10 of your favourite stations to the memory. This will enable you to access your favourite stations quickly and easily.

1. To store a preset, you must first be listening to the station that you would like to save, press and hold the **PRESETS** button. The display will show **<1: (Empty)>**.
2. Turn the **SNOOZE/SCROLL/SELECT** dial to select your desired station preset number.
3. Press the **SNOOZE/SCROLL/SELECT** dial to confirm your station, the display will show **<Preset # stored>**.



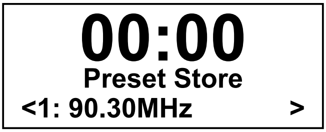
00:00
Preset Store
<1: (Empty) >



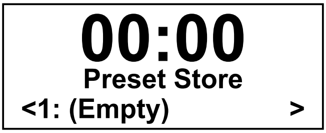
00:00
Preset Store
Stored

Recalling a Preset Station

1. Once you have saved a station, you can recall it by pressing the **PRESETS** button, and then turn the **SNOOZE/SCROLL/SELECT** dial to select your desired preset number, then press the **SNOOZE/SCROLL/SELECT** dial to confirm.
2. If you choose a preset that hasn't been allocated a station, **<#: (Empty)>** will be displayed.



00:00
Preset Store
<1: 90.30MHz >

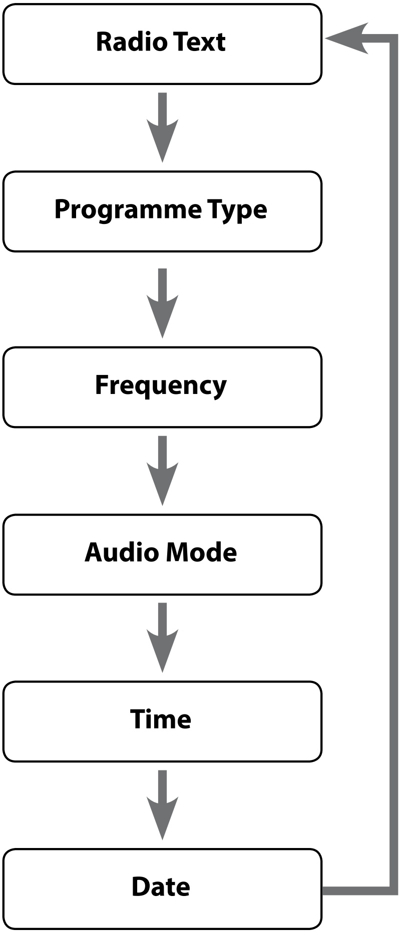


00:00
Preset Store
<1: (Empty) >

FM Display Modes

Every time you press the **INFO** button, the display will cycle through the following display modes: **Radio Text**, **Programme Type**, **Frequency**, **Audio Mode**, **Time** and **Date**.

The information is shown on the lower segment of the display.



Radio Text

The broadcaster can include a scrolling text that displays information about the current programme.

Programme Type

This describes the "**Style**" or "**Genre**" of music that is being broadcast e.g. "**Rock**" or "**Classical**".

Frequency

The frequency of the present station will be displayed, such as "90.30MHz".

Audio Mode

When in FM mode, the display will show if the station being received is in Mono or Stereo mode. The receiver will automatically switch between Stereo and Mono modes. You can however override this function, so that you can manually switch between Stereo and Mono modes, which is helpful if you're listening to a station with a weak FM signal.

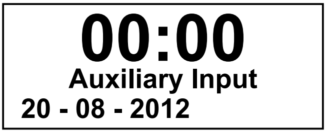
Time/Date

The broadcaster (radio station) provides clock and date information automatically so there's no need to manually set this information.

AUX IN Operation

Auxiliary Input

1. Before connecting to the mains socket, use the AUX IN cable (not included) to connect to your external audio device through the AUX IN socket at the rear of the unit.
2. Connect the mains cable to the mains socket. The unit will be **ON**.
3. To select your audio source, press the **MODE** button repeatedly to select **AUX** mode.
4. In **AUX** mode, you may operate your audio device directly for playback features.



00:00
Auxiliary Input
20 - 08 - 2012

5. Use the **VOLUME +/–** dial to adjust the volume level.
6. When you have finished listening, turn off the power of the connected external audio device. Press the **MODE** button to return to **DAB** or **FM** mode, especially if wake up alarms are programmed.

- When connecting the external audio device, refer to the owner's manual of the external device, as well as this manual.
- Examples of External Audio Devices that can be connected to the unit are: Portable MP3 Players, Cassette Players, Mini Disc Players, DVD players, etc.

Maintenance

Cleaning the Unit

⚠ Ensure the unit is fully unplugged from the mains socket before cleaning.

- To clean the unit, wipe the case with a slightly moist, lint-free cloth.
- Do not use any cleaning fluids containing alcohol, ammonia or abrasives.
- Do not spray an aerosol at or near the unit.

Hints and Tips

If a problem does occur, it may often be due to something very minor. The following table contains various tips.

Menu	Description
No power.	• Ensure the mains plug is properly connected. • Make sure that the unit is turned on.
The unit does not respond when pressing any buttons	• The unit may freeze up during use. Switch the unit off and then on again to reset it.
Radio	
Poor FM reception.	• Make sure the FM aerial wire is fully extended. • Electrical interference in your home can cause poor reception. Move the unit away from them (especially those with motors and transformers).
Desired station not found.	• Weak signal. Use the Manual Tune function.

If any anomaly is encountered, unplug the mains plug and reconnect it again.

Specifications

Model	**HFG 405D**
Power Supply	100-240V ~50/60Hz
Power Output	DC 9V 1A
Radio Frequency Range	DAB 174 - 240 MHz FM 87.5 - 108 MHz
Weight:	1.056kg
Dimensions:	112mm(L) x 213mm(W) x 129mm(H)

Features and specifications are subject to change without prior notice.

Safety Warnings

- Read all the instructions carefully before using the unit and keep them for future reference.
- Retain the manual. If you pass the unit onto a third party make sure to include this manual.
- Check that the voltage marked on the rating label matches your mains voltage.

Damage
- Please inspect the unit for damage after unpacking.
- Do not continue to operate the unit if you are in any doubt about it working normally, or if it is damaged in any way - switch off, withdraw the mains plug and consult your dealer.

Location of Unit
- The unit must be placed on a flat stable surface and should not be subjected to vibrations.
- Do not place the unit on sloped or unstable surfaces as the unit may fall off or tip over.
- The mains socket must be located near the unit and should be easily accessible.

Temperature
- Avoid extreme degrees of temperature, either hot or cold. Place the unit well away from heat sources such as radiators or gas/electric fires.
- Avoid exposure to direct sunlight and other sources of heat.

Naked Flames
- Never place any type of candle or naked flame on the top of or near the unit.

Moisture
- To reduce the risk of fire, electric shock or product damage, do not expose this unit to rain, moisture, dripping or splashing. No objects filled with liquids, such as vases, should be placed on the unit.
- If you spill any liquid into the unit, it can cause serious damage. Switch it off at the mains immediately. Withdraw the mains plug and consult your dealer.

Ventilation
- To prevent the risk of electric shock or fire hazard due to overheating, ensure that curtains and other materials do not obstruct the ventilation vents.
- Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure the unit is well ventilated.

Safety
- Always disconnect the unit from the mains supply before connecting/ disconnecting other devices or moving the unit.
- Unplug the unit from the mains socket during a lightning storm.

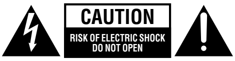
Mains Adapter
- The mains adapter will continue to draw electricity from the mains supply when plugged in the mains socket. In the interests of safety and to avoid unnecessary energy consumption, never leave the adaptor plugged in the mains socket while unattended for long periods of time. Disconnect the adaptor from the power supply.

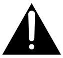
Mains Adapter Cable
- Make sure the unit is not resting on top of the mains adapter cable, as the weight of the unit may damage the cable and create a safety hazard.

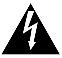
Interference
- Do not place the unit on or near appliances which may cause electromagnetic interference. If you do, it may adversely affect the operating performance of the unit, and cause a distorted picture or sound.

Earphones
- Listening to loud sounds for prolonged periods of time may permanently damage your hearing.
- Before putting on earphones, turn the volume down then put the earphones on and slowly increase the volume until you reach a comfortable listening level.

Supervision
- Children should be supervised to ensure that they do not play with the unit and the remote control.
- Never let anyone especially children push anything into the holes, slots or any other openings in the case - this could result in a fatal electric shock.




The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the unit’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock.


The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the manual accompanying the unit.

Service
- To reduce the risk of electric shock, do not remove screws. The unit does not contain any user-serviceable parts. Please leave all maintenance work to qualified personnel.
- Do not open any fixed covers as this may expose dangerous voltages.

Maintenance
- Ensure to unplug the unit from the power supply before cleaning.
- Do not use any type of abrasive pad or abrasive cleaning solutions as these may damage the unit’s surface.
- Do not use liquids to clean the unit.